10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# POMZP3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18426a

## Product Information

| | |
|---|---|
| **Application** | WB, E |
| **Primary Accession** | Q6PJE2 |
| **Other Accession** | A8CG34, Q96HA1, NP_036362.3 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB38538 |
| **Calculated MW** | 20620 |
| **Antigen Region** | 1-30 |

## Additional Information

| | |
|---|---|
| **Gene ID** | 22932 |
| **Other Names** | POM121 and ZP3 fusion protein, POM-ZP3, POMZP3 |
| **Target/Specificity** | This POMZP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human POMZP3. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | POMZP3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

| | |
|---|---|
| **Name** | POMZP3 |
| **Tissue Location** | Expressed in spleen, thymus, pancreas, testis, ovary, small intestine, colon and lymphocytes |

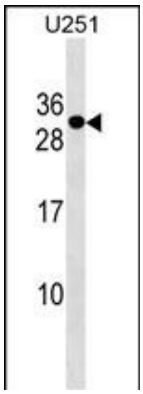
## Background

This gene appears to have resulted from a fusion of DNA sequences derived from 2 distinct loci, specifically through the duplication of two internal exons from the POM121 gene and four 3' exons from the ZP3 gene. The 5' end of this gene is similar to the 5` coding region of the POM121 gene which encodes an integral nuclear pore membrane protein. However, the protein encoded by this gene lacks the nuclear pore localization motif. The 3' end of this gene is similar to the last 4 exons of the zona pellucida glycoprotein 3 (ZP3) gene and the encoded protein retains one zona pellucida domain. Multiple protein isoforms are encoded by transcript variants of this gene.

## References

Harrington, J.J., et al. Nat. Biotechnol. 19(5):440-445(2001)
Kipersztok, S., et al. Genomics 25(2):354-359(1995)

## Images




POMZP3 Antibody (N-term) (Cat. #AP18426a) western blot analysis in U251 cell line lysates (35ug/lane).This demonstrates the POMZP3 Antibody detected the POMZP3 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.